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RAW SEQUENCE LISTING PATENT APPLICATION US/09/099,307

DATE: 06/29/98 TIME: 13:01:20

INPUT SET: S27038.raw

2/2

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

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2
      (1)
   3
             General Information:
   4
                                                           ENTERED
   5
           (i) APPLICANT: Ertl, Johann
   6
           Habermann, Paul
   7
           Geisen, Karl
   8
           Seipke, Gerhard
   9
  10
  11
          (ii) TITLE OF INVENTION: Novel Insulin Derivatives Having A
  12
                   Rapid Onset of Action
  13
  14
          (iii) NUMBER OF SEQUENCES: 11
  15
  16
          (iv) CORRESPONDENCE ADDRESS:
         (A) ADDRESSEE: Finnegan, Henderson, Farrabow, Garrett &
  17
  18
                         Dunner
  19
             STREET: 1300 I Street, N.W.
  20
                 (C)
                     CITY: Washington
  21
             STATE: D.C.
  22
         (E) COUNTRY: USA
  23
                 (F) ZIP: 20005-3315
  24
  25
           (v) COMPUTER READABLE FORM:
  26
                 (A) MEDIUM TYPE: Floppy disk
  27
                 (B) COMPUTER: IBM PC compatible
  28
                 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  29
                 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
  30
  31
         (vi) CURRENT APPLICATION DATA:
         (A) APPLICATION NUMBER: US
N-32
  33
         (B) FILING DATE:
  34
        (C) CLASSIFICATION
  35
  36
        (viii) ATTORNEY/AGENT INFORMATION:
  37
                 (A) NAME: Leslie McDonell
  38
                 (B) REGISTRATION NUMBER: 34,872
  39
        (C) REFERENCE/DOCKET NUMBER: 02481.1597-00000
  40
  41
         (ix) TELECOMMUNICATION INFORMATION:
  42
                 (A) TELEPHONE: (202) 408-4000
  43
                 (B)
                     TELEFAX: (202) 408-4400
  44
  45
  46
       (2) INFORMATION FOR SEQ ID NO: 1:
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RAW SEQUENCE LISTING PATENT APPLICATION US/09/099,307

DATE: 06/29/98 TIME: 13:01:23

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47 48 49 50		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 amino acids (B) TYPE: amino acid
51 52 53			(C) STRANDEDNESS: single (D) TOPOLOGY: linear
54 55 56 57		(ii)	MOLECULE TYPE: peptide
58 59		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 1:
60 61 62		Gly 1	Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu 5 10 15
63 64 65		Glu	Asn Tyr Cys Asn 20
66 67	(2)	INFO	RMATION FOR SEQ ID NO: 2:
68 69 70 71 72 73		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
74 75 76 77			MOLECULE TYPE: peptide
78 79		•	SEQUENCE DESCRIPTION: SEQ ID NO: 2:
80 81 82		Phe 1	Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr 5 10 15
83 84 85		Leu	Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr 20 25 30
86 87	(2)	INFO	RMATION FOR SEQ ID NO: 3:
88 89 90 91 92 93		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear
94 95 96		(ii)	MOLECULE TYPE: peptide
97 98		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 3:
99		Phe	Val Lys Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr

RAW SEQUENCE LISTING PATENT APPLICATION US/09/099,307

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102		Leu	Val	Cys	-	Glu	Arg	Gly	Phe		Tyr	Thr	Pro	Glu			
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117		(Xi)	SEQU	JENCI	E DE:	SCRI	L.TOI	N: S	EQ I	D NO	: 4:						
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139		Phe	Val	Lvs	Gln	His	Leu	Cvs	Glv	Ser	His	Leu	Val	Glu	Ala	Leu	Tvr
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142		Leu	Val	Cvs	Glv	Glu	Ara	Glv	Phe	Phe	Tvr	Ile	Pro	Lvs	Thr		
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RAW SEQUENCE LISTING PATENT APPLICATION US/09/099,307

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153		(ii)	MOL	ECUL	E TY	PE:	pept	ide									
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162		T.e.11	Cvs	Gly	Ser	His	T.eu	Val	Glu	Δla	ľ.en	Tur	T.em	Val	Cvs	G] v	Glu
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165		Ara	Glv	Phe	Phe	Tvr	Thr	Pro	Glu	Thr	Ara	Ara	Glu	Ala	Glu	Asp	Pro
166		3	2	35		- 2 -			40		3	3		45			
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168		Gln	Val	Gly	Gln	Val	Glu	Leu	Gly	Gly	Gly	Pro	Gly	Ala	Gly	Ser	Leu
169			50	-				55	-	_	•		60		_		
170																	
171		Gln	Pro	Leu	Ala	Leu	Glu	Gly	Ser	Leu	Gln	Lys	Arg	Gly	Ile	Val	Glu
172		65					70					75					80
173																	
174		Gln	Cys	Cys	Thr		Ile	Cys	Ser	Leu	_	Gln	Leu	Glu	Asn	_	Cys
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186				(C) STRANDEDNESS: single (D) TOPOLOGY: linear													
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194		Met	Ala	Thr	Thr	Ser	Thr	Gly	Asn	Ser		Arg	Phe	Val	Lys		His
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RAW SEQUENCE LISTING PATENT APPLICATION US/09/099,307

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207		65					70	•				75	•	•			80
208																	
209		Gln	Cys	Cys	Thr	Ser	Ile	Cys	Ser	Leu	Tyr	Gln	Leu	Glu	Asn	Tyr	Cys
210						85					90					95	
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229		Met	Ala	Thr	Thr	Ser	Thr	Gly	Asn	Ser	Ala	Arg	Phe	Val	Lys	Gln	His
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232		Leu	Cys	Gly	Ser	His	Leu	Val	Glu	Ala	Leu	Tyr	Leu	Val	Cys	Gly	Glu
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235		Arg	Gly	Phe	Phe	Tyr	ITe	Pro	_	Thr	Arg	Arg	GIu		GLu	Asp	Pro
236				35					40					45			
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238 239		GIN	va. 50	GTÅ	GIN	val	GIU	55	GTÅ	сту	сту	PIO	60	мта	GLY	261	red
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241		Gln	Pro	Leu	Δla	T.e.11	Glu	Glv	Ser	T.eu	Gln	ī.vs	Ara	Glv	Tle	Val	Glu
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244		Gln	Cys	Cys	Thr	Ser	Ile	Cys	Ser	Leu	Tyr	Gln	Leu	Glu	Asn	Tyr	Cys
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SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/09/099,307*

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Original Text

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Wrong application Serial Number

(A) APPLICATION NUMBER: US